

THE BULLETIN

UNIVERSITY OF TORONTO

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Symposium Examines Role of Higher Education

By Sue Toye and Elaine Smith

THE IMPORTANT CONTRIBUTIONS public universities make to society came under the microscope last week at a U of T conference designed to explore the challenges confronting these institutions.

Called Taking Public Universities Seriously, the conference brought scholars and policy-makers from Canada, the United States, Australia and Great Britain to the Munk Centre for International Studies Dec. 3 and 4 to consider the evolving role of the public university in a democratic society. Researchers presented their findings and opinions on subjects such as the private and social benefits of education, the governance of the university sector and access to public education. They outlined some of the challenges universities are facing including reduced government funding for operating expenses, student aid, a trend towards privatization, an aging professoriate and crumbling infrastructure.

University Professor Michael Trebilcock of law pointed out that the provincial government's spending priorities have shifted from education to health care. Universities are also asked to play a larger role in the nation's

economy, which places a greater strain on their resources, said Professor Bahram Bekhradnia, director of the Higher Education Policy Institute at the University of Oxford.

Professor and Chancellor Emeritus Donald Langenberg of the University of Maryland said more American universities are becoming privatized due to lack of government support. He cited a public opinion survey by the *Chronicle of Higher Education* that showed nearly two-thirds of respondents believed students and their families should pay the largest share of the cost of a college education.

"I find this attitude inexplicable," he said. "Today, when at least 70 per cent of high school graduates enter post-secondary institutions and when our nation depends on ever more sophisticated citizen workers, we appear to believe that higher education is not a public good but merely a private benefit to individuals."

In making a case for government support of higher education, U of T law professor Andrew Green maintained that public universities play a role in creating good citizens in today's diverse world by giving people the capacity for empathy and openness to other cultures. Economics

-See SYMPOSIUM Page 4-

Senior Deans Reappointed

ACADEMIC BOARD APPROVED THE reappointment of three of U of T's most experienced deans Dec. 9 for new terms beginning July 1, 2005.

Professor Roger Martin, dean of the Joseph L. Rotman School of Management, will serve a second five-year term; Professor Bruce Kidd, dean of the Faculty of Physical Education and Health, will begin a new three-year term; and Professor Wayne Hindmarsh, dean of the Leslie Dan Faculty of Pharmacy, was reappointed for four more years.

"We are delighted that Academic Board has confirmed the reappointment of these three deans," said Provost Vivek Goel. "Each of the faculties has recently undergone an external review

which confirmed the deans' tremendous contributions to their respective faculties and to the university. Deans Martin, Kidd and Hindmarsh will continue to provide exemplary leadership to their constituencies as U of T moves forward in implementing its new academic plan."

Under Martin's leadership, Rotman has doubled the size of its full-time MBA and executive MBA enrolment and expanded to 80 full-time faculty. Kidd has led his faculty in contributing significantly to public policy advancement and outreach. Hindmarsh has steered the pharmacy faculty through notable changes including major building projects and significant enrolment increases.

SPIRITED READING



Avril Benoit, the 2004-05 Knowlton Nash journalism fellow at U of T and host/producer of *Here and Now* on CBC Radio, was one of the voices at U of T's annual reading of *A Christmas Carol* at Hart House Dec. 8. Proceeds from the event will go towards the U of T Food & Clothing Bank. Charles Dickens gave the first reading of his classic holiday story for charity 150 years ago. This year, similar readings will be held in over 100 communities across Canada with all proceeds going to charity.

STEVE BEHAL

Christmas on Campus

By Elaine Smith

AS LEGIONS OF THEIR CLASSMATES head home for the holidays, Bryan Wang and Gordon Harris will be enjoying a Toronto Christmas.

Wang, a Singapore native, and Harris, whose family lives in British Columbia, are among a number of students from out of town who, for various reasons, remain in the city during the holiday break. While a Christmas without family may sound bleak to outsiders, both third-year

students are taking it in stride.

"It's a 23-hour plane trip and that's a long way to go for a two-week break," said Wang, a commerce student. "My family didn't celebrate Christmas, so it's just another day. But it's still a good time."

Road trips are in Wang's holiday plans, as is a visit to Hart House on Christmas Day. The Hart House committee, in collaboration with the International Student Centre, is hosting a reception that afternoon for

students remaining in town. The centre is also hosting a reception Dec. 16 and organizing some outings for students including skating parties and a trip to the Nutcracker ballet.

"Maybe at the receptions, they can make some connections for the holidays so they have someone to do things with in the city," said Dermot Brennan, the centre's program director.

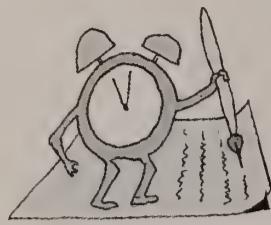
Harris, a student in the

-See CHRISTMAS Page 4-



PASCAL PAQUETTE

IN BRIEF



TWO U OF T RESEARCHERS WIN POLANYI PRIZES

PROFESSORS ANDREA MOST OF ENGLISH AND ANTHONY GRAMOLINI OF THE Banting and Best Department of Medical Research are among the four researchers to receive 2004 John Charles Polanyi Prizes, awarded to scholars and researchers planning to continue post-doctoral studies at an Ontario university. Most was recognized for her work on Jewish identity and American culture, which has changed the landscape of American theatre study. Gramolini was chosen for his significant contributions to our understanding of the molecular deficiencies that contribute to muscle diseases such as muscular dystrophy and heart disease. Established in 1986 by the Ontario government in honour of University Professor John Polanyi of chemistry who won the Nobel Prize in chemistry that year, the \$15,000 prizes are given in the Nobel Prize categories of chemistry, literature, physics, physiology or medicine and economic science. The prizes were presented Nov. 30 at a reception at Massey College.

RIGGALL APPOINTED VICE-PRESIDENT (BUSINESS AFFAIRS)

CATHERINE RIGGALL HAS BEEN NAMED THE UNIVERSITY'S NEW VICE-PRESIDENT (business affairs) after holding the position in an interim capacity since February. Her term begins immediately and will be effective until June 30, 2007. "Cathy has demonstrated enormous commitment and understanding of the portfolio and its challenges as well as to the university as a whole," Interim President Frank Iacobucci said in announcing the appointment. "As interim vice-president, she has provided particularly solid leadership in addressing a number of complex issues." One issue Riggall will have to face is the challenge of underfunding. She also wants to involve various groups "as we become a student-focused organization, changing our operations to make sure the student experience is an enhanced one."

SUSPECT ARRESTED AFTER DAMAGE AT SIMCOE HALL

A MAN WAS ARRESTED AT U OF T DEC. 2 AFTER ALLEGEDLY ENTERING AN OFFICE at Simcoe Hall on the morning of Dec. 2 and causing extensive damage to furniture, computers and other items. Campus police and members of the Toronto Police Service, 52 Division, responded to the scene and arrested a suspect who has been charged with several counts under the Criminal Code. No one was injured and police believe the incident to be isolated. Toronto police are continuing their investigation with co-operation from the university.

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TERMS OF REFERENCE

"The Bulletin shall be a University-wide newspaper for faculty and staff with a dual mandate:

1. To convey information accurately on the official University position on important matters as reflected in decisions and statements by the Governing Council and the administration.
2. It shall also publish campus news, letters and responsible opinion and report on events or issues at the University thoroughly and from all sides."

As approved by Governing Council, Feb. 3, 1988

AWARDS & HONOURS

FACULTY OF APPLIED SCIENCE & ENGINEERING

UNIVERSITY PROFESSOR EMERITUS URSULA FRANKLIN OF materials science engineering is one of the recipients of this year's City of Toronto Persons Day honours. A celebration marking the 75th anniversary of Persons Day was held at Hart House Oct. 18 and certificates of honour were presented to 75 women in Toronto who have made a significant contribution to women's equality. On Oct. 18, 1929, in what is known as the Persons Case, the Privy Council in the United Kingdom reversed a decision by the Supreme Court of Canada that held that women were not persons and could not be appointed to the Senate; Oct. 18 was proclaimed Persons Day by Toronto City Council.

FACULTY OF ARTS & SCIENCE

PROFESSOR DOMENICO PIETROPAOLO OF ITALIAN STUDIES HAS been named a Commendatore (knight commander) of the Italian order of chivalry Stella della Solidarietà Italiana. Membership in the order recognizes non-Italians and Italians living abroad for achievements in arts and sciences of benefit to Italy. There are three levels of membership — Cavaliere (knight) is the lowest level, Commendatore, the middle level and Grande Ufficiale (grand officer), the highest.

Members receive a medal, ribbon and pin to be worn at official events sponsored by the Italian government.

ROTMAN SCHOOL OF MANAGEMENT

PROFESSORS BRIAN GOLDEN AND GLEN WHYTE ARE THE co-recipients of the 2004 Ted Freeman Award for innovation in healthcare education of the journal *Healthcare Quarterly*. Golden and Whyte won the award for an experiential, simulation-based customized healthcare executive program at the Rotman School. The award, presented in November during the Ontario Hospital Association's fall conference in Toronto, recognizes those individuals or organizations that inspire, advocate and enable education in health care.

FACULTY OF MEDICINE

PROFESSOR NICOLA JONES OF PEDIATRICS IS THE RECIPIENT of the Canadian Association of Gastroenterology's 2005 Young Investigator Award, recognizing outstanding contributions to gastroenterology through basic and/or clinical research by a young investigator. Jones received the award at the annual Canadian Association of Gastroenterology meeting in Montreal in September.

HOLIDAY CLOSING

THE UNIVERSITY WILL BE CLOSED FROM 5 P.M. DEC. 21 TO Jan. 3 when normal activities resume. The holiday includes two paid leave days for faculty and staff for the 2004-05 year. During this period all buildings on all three campuses will be closed with the exception of Hart House (416-978-2452), the U of T Bookstore (416-978-7907), some libraries and the Division of University Advancement.

On Dec. 21, the main office of the Athletic Centre will close at 8 p.m. and the building at 9 p.m. Arrangements have been made for members to use Hart House during the holiday closure.

On the St. George campus, Robarts Library will be open every day except Dec. 25, 26, 31 and Jan. 1 while the engineering and computer science library and the Gerstein Science Information Centre will be closed Dec. 24 to 26 and Dec. 31 as well as Jan. 1. For hours and services please contact the individual libraries or consult the U of T Libraries' website

(www.library.utoronto.ca). The OISE/UT library will also be closed Dec. 24 to 26 and Dec. 31 as well as Jan. 1 and 2. To facilitate a collection of donations, the Division of University Advancement at 21 King's College Circle will open its doors Dec. 22 and 23 from 9 a.m. to 4 p.m.; Dec. 24 from 9 a.m. to noon; and Dec. 29 and 31 from 9 a.m. to 4 p.m.

The athletic centre at U of T at Scarborough will close Dec. 21 at 5 p.m. and reopen Jan. 2 at 7:45 a.m. At U of T at Mississauga, the Centre for Physical Education will close Dec. 22 at 11 p.m. and reopen Jan. 3.

As in previous years, the university intends to take advantage of this period of low activity to reduce energy consumption although essential services will be maintained to critical areas. Any security issues or breakdown of building systems should be reported immediately to campus police at 416-978-2323.

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CUPE Members Reach Agreement

By Michah Rynor

A TENTATIVE SETTLEMENT FOR renewal of the collective agreement with the Canadian Union of Public Employees (CUPE), Local 3261, has been ratified by the union membership with members voting 90 per cent in favour of the contract.

Highlights of the settlement include a three per cent wage increase retroactive to July 1, 2004, as well as a further two per cent adjustment for the second year effective July 1, 2005, which is consistent with increases received by other employee groups at U of T. The two-year collective agreement expires June 30, 2006.

As well, the agreement includes increased flexibility in managing job postings and lateral transfers, comprehensive language regarding the health and safety commit-

tee and improved job security.

The settlement, which covers the university's 575 full-time bargaining unit employees working in ancillary services, athletics, caretaking, grounds services, food service and medicine, was reached Dec. 1, said Christina Sars-Kortsak, assistant vice-president (human resources), in a statement issued Dec. 7. "The university looks forward to working with the union in the implementation and application of the renewed collective agreement," she added.

"I am very pleased we were able to reach an agreement that meets our joint needs and I congratulate both bargaining teams," said Professor Angela Hildyard, vice-president (human resources and equity).

Negotiations for renewal of the collective agreement for part-time staff in the same local will commence in January.

Stress: It's for the Birds

By Karen Kelly

WILD ANIMALS MAY SUFFER something akin to post-traumatic stress disorder in environments with both little food and many predators, U of T research shows.

The study, published in the *Proceedings of the Royal Society*, highlights the complex relationship between chronic stress and song sparrow reproduction and survival. Professor Rudy Boonstra of zoology at U of T at Scarborough and the Centre for the Neurobiology of Stress worked with colleagues at the universities of Western Ontario, British Columbia and Washington to test the hypothesis that the physiological effects on reproduction and survival of the never-ending tension between finding food and avoiding predators are virtually inseparable.

"Kill or be killed combat stress can have lifelong consequences for humans," Boonstra said. "Wild animals experience something similar daily having to find food while avoiding being killed by predators."

The scientists conducted their research on 91 song sparrow territories near Victoria, B.C. Using mist-nets, they captured fathers with six-day-old nestlings, collected blood samples from a wing vein and then released them unharmed. Data was also collected on the number and condition of each dad's nestlings.

The researchers found that unfed, high predator pressure



birds had the highest stress levels, birds subject to either the unfed or high predator pressure treatments showed intermediate stress levels while fed birds at the low predator pressure sites showed the lowest stress levels.

"Since the constant tension between finding food while avoiding predators likely afflicts virtually every bird and mammal the stage was set to use song sparrows to test the chronic stress hypothesis," said Boonstra, who first proposed the hypothesis to explain synergistic (more than additive) effects of food and predators on snowshoe hare populations.

In an earlier study, Boonstra and others showed that while reducing predator pressure doubled hare densities while adding food tripled densities, doing both led to an 11-fold increase. The hare study ended, however, before Boonstra's hypothesis could be tested. In 2003, Professor Liana Zanette of the University of

Western Ontario published the first study showing comparable synergistic effects in a bird, the song sparrow.

"The fact our new song sparrow data fit predictions from the snowshoe hare study so well suggests this is very general," Boonstra said. "If this is very general then targeting both food and predators may not only be key in conserving threatened species, but could also provide disproportionate benefits per dollar spent given the more than additive responses shown in both sparrows and hares."

Two Win Rhodes Scholarships



DAVID STREET

Rhodes Scholars Bryony Lau (left) and Ashwini Vasantha Kumar

By Christina Marshall

TWO U OF T STUDENTS HAVE been awarded Rhodes Scholarships to pursue their studies at the University of Oxford for the next two or three years.

For Bryony Lau, a Trinity College student majoring in international relations and history, and Ashwini Vasantha Kumar, who is working on a master's degree in political theory, it is an opportunity to combine academic excellence with areas in which they are passionate about volunteering.

Born in Edmonton and raised in Calgary, Lau is the third Trinity College student to be awarded a Rhodes scholarship in the past three years. In addition to an excellent academic record, Lau has been a strong volunteer involved in various fields including refugee sponsorship and as editor of *The Attaché*, a student-run international affairs journal.

While at Oxford, she will focus on East Asian studies.

"I'm interested in how the understanding of history impacts the conduct of international relations," says Lau. "In other words, how does the way we learn and internalize the past determine what decisions leaders make in foreign policy and how the public reacts to the events of international significance."

Like Lau, Vasantha Kumar has an interest in international relations. Born in Sri Lanka, she lived in Zambia and Papua New Guinea before her family came to Canada when she was 14 years old.

While an undergraduate at Harvard University, Vasantha Kumar travelled to India and Sri Lanka to pursue her interest in human rights activism. She finished her program at Harvard as the top-ranked graduate in social studies last year.

At Oxford, her studies will examine the differences between

citizens and non-citizens and accommodating for multiculturalism.

"My interest is in the notion of citizenship — how its very existence creates the categories of 'refugee' and 'displaced' and how its changing meanings have tried to accommodate the multicultural societies this displacement creates," Vasantha Kumar explains.

"The importance of citizenship — both formal and substantive — is something that became clear to me when I interned with a human rights group in New Delhi and worked on the anti-Muslim riots in Gujarat, and later in my work on Sri Lanka," she says, noting that the same problems of citizenship are raised in Canada — with less violence but just as much urgency. "Going to Oxford is an exciting opportunity to become part of Rhodes, an international community of people who are ambassadors of their respective countries."

U of T Profs Earn Top NSERC Honours

By Karen Kelly

FIVE U OF T RESEARCHERS HAVE been awarded Natural Sciences and Engineering Council of Canada (NSERC) prizes and fellowships in recognition of their innovative research and scientific achievements.

University Professors Sajeev John of physics and Geoffrey Ozin of chemistry won the first-ever Brockhouse Canada Prize, a \$250,000 award that recognizes innovative interdisciplinary research in science and engineering. John and Ozin created the first photonic crystal capable of trapping light. Their research could pave the way for the development of an optical computer that uses beams of light instead of electrical currents to perform digital operations.

"This is indeed a great honour for Professor John and Professor Ozin as well as the University of Toronto," said Professor John

Challis, vice-president (research) and associate provost. "Sajeev and Geoffrey are extraordinary scholars individually, but I am especially pleased that the Brockhouse Canada Prize recognizes the important innovations they have achieved through collaborative, interdisciplinary research."

The new Brockhouse award recognizes Canadian interdisciplinary research in memory of Professor Bertram Brockhouse of McMaster University, a researcher at the Chalk River Laboratory of Atomic Canada Energy Ltd. and a Nobel laureate for his work in developing neutron-scattering techniques for studies in condensed matter. The award is administered by NSERC.

University Professor Emeritus André Salama of electrical and computer engineering was recently honoured as one of three 2004 Herzberg Gold Medal finalists, an award named after Canadian Nobel laureate Gerhard Herzberg

and recognized as Canada's top science prize. Salama received the \$50,000 prize for his contributions to microchip design.

"Since I started in the early 1960s, the microelectronics world has changed very dramatically," said Salama. "We have shrunk the dimensions of components by three orders of magnitude and increased the density and functionality of microchips tremendously." The top prize of \$1 million went to Professor John Smol of Queen's University for his work in paleolimnology.

NSERC also recognized Professors George Eleftheriades of electrical and computer engineering and Lisa Jeffrey of mathematics at U of T Scarborough with 2004 Steacie fellowships for outstanding work in their respective fields. The awards include increased research funding from NSERC and payments to the universities to allow the Steacie fellows to pursue their research full time.

Monday, January 3
Singers Sign-up Jan. 3 and Jan. 10 at 6:30pm.

Tuesday, January 4
Chorus Auditions 7:30pm. Sign up and get an audition piece at Porters' Desk.

Thursday, January 6
Hip Hop Headz Open Mic Nite, 8:30pm in the Arbor Room. Licensed. No cover.

Friday, January 7
Jazz at Oscars - Beverley Taft, 9pm in the Arbor Room. Licensed. No cover.

UPCOMING

Graduate Committee Dinner Series with Steve Paiken, Author/TVO Commentator "The Highs and Lows of Political Life", Fri. Jan. 14, 6pm reception for 6:30 dinner. Tickets for Hart House alumni members and their guests \$45/U of T students \$25 each available at the Membership Services Office.
Winter Carnival Sat. Jan. 22 at Hart House Farm. Tickets on sale at the Hall Porters' Desk beginning Tue. Dec. 14. Advance tickets to Jan. 20: with bus \$24/without bus \$19. After Jan. 20: with bus \$29/without bus \$24. Families and children welcome. Children's rates available. Pets not permitted at the Farm.

CONTESTS Entry forms available from the poster rack in the rotunda
23rd Annual Literary Contest submission deadline: Jan. 14.
Hart House Review is accepting submissions from poets, authors, photographers, and artists. Submission deadline: Jan. 21.
Poetry Prize submission deadline: Feb. 4. Hart House Art Competition submission deadline: Fri. Mar. 4 and Sat. Mar. 5.

ART 416.978.8398 www.utoronto.ca/gallery
The Justina M. Barnicke Gallery - "Refigured", works from the Hart House Permanent Collection that will highlight alternative treatments of the figure in Canadian Art. Runs to Jan. 3-27.

The Arbor Room - Wing Yee Tong, "Star Pictures" Runs to Jan. 15.

HART HOUSE THEATRE www.harthousetheatre.ca
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U of T Drama Festival runs Jan. 19-22. Tickets: \$12/\$10.

U of T Film and Video Festival - call for submissions. Visit website for details.

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Christmas/Holiday Hours 2004-05 HART HOUSE IS OPEN EVERY DAY!
Copies of the Christmas/Holiday hours for the South Wing, the Athletics Facilities and the Pool are available in the Membership Services Office, by the Athletics Reception Desk, and in the rotunda. See also: www.utoronto.ca/harthouse
The Administrative Office closes 5pm Tue. Dec. 21; re-opens 9am Mon. Jan. 3.
Registration for Athletics Classes: Yoga and Pilates only begins Jan. 6. All other athletics classes begins Jan. 7. Most classes start the week of Jan. 17.

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Symposium Examines Higher Ed

-Continued From Page 1-

professor Craig Riddell from the University of British Columbia noted that the benefits to society of higher education, such as increased civic participation, are often underestimated when people evaluate the costs involved. Like Professor Ross Williams of the University of Melbourne, Australia, he suggested that the public and private benefits of higher education are roughly equivalent.

Robert Prichard, president emeritus of U of T, spoke of the need for public universities to control their own tuition rates. "It's impossible to imagine we can be competitive internationally

unless we have substantial flexibility to set fees as our governing bodies see fit," he said, noting that significant financial aid programs must also be in place.

In the conference's final session, Professor Nicholas Barr of the London School of Economics advocated a system of income-contingent loans available to all students — large enough to cover fees and living expenses — with repayment calculated as a percentage of their subsequent earnings. Sam Rahimi, vice-president (external) of the Students' Administrative Council, asked the panel why, if education and health care both offer public and private

benefits, education should be funded any differently than health care. The difference, responded Barr, is that everybody has an equal chance of needing to use the healthcare system; patients are not a self-selected group like those who have made a choice to pursue higher education. He further noted that there is a greater information gap in health care thus making individual choice difficult.

Interim President Frank Iacobucci, the conference's host, thanked participants for an extraordinarily rich exchange. "This is the beginning, we hope, of a wider discussion," he said, in closing the event.

Christmas on Campus

-Continued From Page 1-

Christianity and culture program, may not have time for the reception on Dec. 25. As a member of two choirs in his parish, Harris will start singing on Christmas Eve and continue during Christmas day services.

"It will probably be a little weird not being home for Christmas but I do have friends in Toronto I'll be spending time with," he said. "And especially around Christmas, with the different masses, I'll be so busy."

Harris generally makes a trip home to see family once a year, usually over the winter break.

However, family events this fall caused him to schedule the trip earlier than usual, so he's grateful that his residence at University College allows students to stay during the break. "It's something I can count on," he said.

Arlene Clement, U of T's manager of residence communications, said there are a few residences on campus that allow students to stay for the holidays including University College and Graduate House.

"We try not to leave anyone out in the cold," she said. "We tell students early when they're applying that most residences will

be closed during the holidays. We also provide the residences with a list of temporary accommodations and try to encourage students to think about it before the end of November."

Wang shares an off-campus apartment with other students and he's planning to enjoy the Christmas decorations they put up for the season.

"We get gifts for each other and I'm going to wait until Christmas Day to open mine," he said. "I enjoy the Christmas spirit and how everyone is more into the spirit of giving and fellowship than at any other time."

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STEVE BEHAI

Former premier Bob Rae makes his point at final town hall meeting Dec. 8.

Rae Calls for Effective Public Funding

By Jessica Whiteside

FORMER PREMIER BOB RAE wrapped up his series of public consultations on higher education in the province with a packed town hall at the Isabel Bader Theatre Dec. 8.

"We cannot avoid the fact that if you want to have effective public universities, you have got to have effective public funding," Rae told the audience. He will make recommendations to the province in early 2005 about the design and funding of Ontario's post-secondary system. "We've gone for a long time without paying sufficient attention to what needed to be done," he said.

As people lined up to tell Rae and members of his advisory panel what they think needs to be done, Professor David Cook, principal of Victoria College, described the post-secondary system as "facing a wall" in terms of attracting good faculty and graduate students. "I think it's time we realize that we have a

deficit at the graduate level and we need to invest in our graduate students for the future," he said. Rae agreed, saying he has made this point to the government.

Josef Szende, a second-year student at U of T, said students are underemployed and need greater access to initiatives such as co-op

WE'VE GONE FOR A
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education programs that could help them recover some of their tuition costs. "The basic thing we are talking about here is developing students as human resources for the future," he said.

U of T undergraduate Alex

Dodger called for a freeze or reduction of tuition, saying that funding needs to come from government reinvestment and not from students' pockets. Second-year U of T law student Keir Wilmut spoke out against tuition freezes, calling it "morally bankrupt" to tell a factory worker, for example, that her taxes should go up to pay for the education of someone else so he can become her boss.

Interim President Frank Iacobucci thanked Rae for bringing attention to the important issues facing the post-secondary system. "The fact is, the system is on the edge, it's at the precipice, and I think the future of the country is at stake, without exaggeration," he said.

With the diverse views he's encountered during his public consultations, Rae cautioned the audience that his recommendations will not make everybody happy.

"I don't think we can make a perfect system," he said. "I think we can make a better one."

KEEPING COMPANY

U of T students connect with isolated seniors

By ELAINE SMITH

MONICA CHOI IS A FREQUENT VISITOR TO HER GRANDMOTHER'S house and soon she'll be adding another senior to her visiting list.

"I enjoy spending time with seniors," says Choi, a second-year medical student. "They appreciate your company so much and they pass on a lot of knowledge. There is so much we can learn from their experience."

Choi won't be the only U of T student dropping by to visit a local senior. She and fellow medical student Roberto Diaz are co-ordinators of U of T's new Isolated Seniors Program, a visiting program geared towards alleviating the loneliness of housebound Toronto seniors.

The new initiative is the brainchild of Diana Alli, student affairs co-ordinator for the Faculty of Medicine. It is sponsored by the U of T Medical Society and will be supported, in part, by sales of a new Faculty of Medicine cookbook. "This outreach program allows us to pay tribute to our senior citizens who gave in many ways to our lives as our mentors, parents and guardians, friends and supporters in our community," says Alli, noting that medical students have a number of volunteer programs involving children but none previously that aided seniors.

The program is open to students from all of U of T's health sciences programs. The volunteers go in pairs to visit seniors every second week.

"We try to match a medical student with a non-medical student," Diaz says. "In our careers, it is important to work in interdisciplinary teams, so this gives us an early start at interacting on an equal level and fostering co-operation."

It also provides future healthcare professionals with a window into the world of vulnerable senior citizens, a population they'll likely encounter in their work. "In addition to contributing to the community in a positive way, this program gets students to think about the issues seniors face and the challenges in their daily lives," Diaz says.

The program is possible with the co-operation of Central Neighbourhood House and Senior Link, two organizations that provide services to seniors. Before setting off on their visits, participants receive an orientation session addressing what to expect in dealing with an elderly population.

"The feedback so far has been positive," Diaz says of the initiative. "Each senior is unique and has a story to tell and we're excited to be part of that."



MICHAEL ANDRECHUK

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IN MEMORIAM

Moody Was a Man of Many Talents

PROFESSOR EMERITUS NORMAN Moody of electrical and computer engineering, founding director of the Institute of Biomaterials and Biomedical Engineering, died Oct. 23 in Victoria. He was 88 years old.

"Norman Moody was an individual of many talents whose contributions to the University of Toronto in his relatively brief time here were typical of the contributions made throughout a unique and remarkable scientific career that extended over 45 years," said Professor Emeritus Richard Cobbold, a friend and colleague.

Moody was born in England during the later stages of the First World War. Without the opportunity of a formal higher education during the early years of the Depression but with a keen interest in radio design, he began his career in the radio repair section of a big London store. He joined Halcyon Radio in around 1935, working initially on radio receiver design as a junior engineer and rising to senior TV designer.

Moody's talents and expertise as a circuit designer were recognized early in his career and in 1939 he was chosen to join the very select group at the Telecommunications Research Establishment, a research station devoted to the development of radar, IFF (identification friend or foe) and other navigational systems key in determining the outcome of the war in the air.



After the war Moody emigrated to Canada and in 1947 joined what is now Atomic Energy Canada, Ltd. (Chalk River) where he established an outstanding group in nuclear electronics instrumentation. In 1951 he was asked to return to the UK to work on a highly secret assignment, developing systems for atomic weapon measurements. When he returned to Canada in 1952 he became head of basic circuit research at the Defence Research Board, a post he held until 1959, the year his academic career began.

At the invitation of Arthur Porter, the new dean of engineering at the University of Saskatchewan, Moody applied for the position of head of electrical engineering, charged with improving the research image of the department. The major barrier to his acceptance for the post, the fact that he had no academic degree or academic experience, was overcome

by awarding Moody an honorary bachelor of science degree. It was also around this time that Moody's interest in the application of electrical engineering to medicine began and as it expanded, he supervised a number of students and developed a graduate degree program in biomedical engineering, perhaps the first in Canada.

When Porter was offered a position at U of T to establish a new department of industrial engineering, he discovered there was an interest in the collaboration of engineering and medicine, particularly in electrical engineering, headed by James Ham. Porter and Ham persuaded the deans of medicine and engineering that the establishment of a new institute would foster this relationship, with Moody at its helm. Moody accepted and in July 1962 the Institute of Biomedical Electronics was established.

Moody's interests were far-ranging and along with an extensive program in medical electronics and a foray into ultrasound tomography he continued to work on semiconductor devices and their circuits. He supervised many graduate students and "they learned much from the meticulous care with which he conducted research, his insistence on scientific integrity and his attention to detail," Cobbold said. In 1975 he stepped down as director, retiring in 1977.

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SOUTHERN COMFORT

Healthcare providers in Latin America look to U of T for help

BY ELAINE SMITH



Professor Yves Talbot (second from right) with Latin American students.

MICHAEL ANDRECHUK

THE DEPARTMENT OF FAMILY AND COMMUNITY Medicine has adopted a Latin look this semester as it hosts 13 health professionals from Chile and Colombia.

Doctors, nurses, midwives, dentists and psychologists are visiting U of T for six weeks to take part in the department's new course geared to introducing family and community medicine strategies to foreign healthcare systems. With a curriculum designed by Professor Yves Talbot and his staff, they'll be learning about evidence-based medicine and ways of critically evaluating delivery strategies so they can have a bigger impact in their home communities.

"The course teaches the students to be more critical about what's happening in their country," says Talbot, the department's director of international programs. "They'll be able to make suggestions locally based on the literature they've reviewed."

The course is usually taught in Latin America — visiting Canada gives the students the opportunity to see a different healthcare system and observe how some of the strategies are implemented here. "For a long time our focus was clinical but now we're starting to do more work in the community," says Rolando Tomes Aravena, a Chilean psychologist.

This is a positive step, says Bernardita Cayo, a dentist from Chile. Now she and her colleagues must persuade government officials that it's both practical and

effective to put resources into prevention and outreach.

"We must convince the authorities that we need to see people where they are, not wait for people to come see us," she says. "By doing it this way, we'll get the best results."

It's a challenge in a system that measures success by the number of people treated, Cayo adds, not the work done to prevent illness. "The results of prevention are not apparent immediately and politicians like 'bean counting,'" Talbot says. "This is a country with a four-year election cycle and no prevention programs besides vaccine initiatives will bear fruit in that time."

Maria Luz Saenz, a pediatrician and medical educator in Colombia, is optimistic. "If the government spends the money to send people over here to learn new and innovative approaches, they should listen to them," she says.

Part of the problem is a financial one. In much of Latin America, health resources are stretched thin already. "There's a lot of demand for services and too many people," says Ana Maria Garces, a Chilean nurse. "There's so much clinical time, how do we do community work too?"

Talbot and Professor Onil Bhattacharyya, one of the instructors, are working with the students to find solutions to those problems. "We're already talking about strategies they could use such as working with midwives' organizations," Talbot says.



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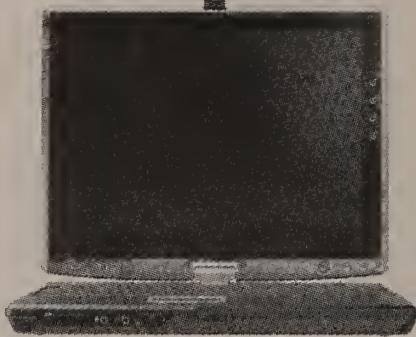
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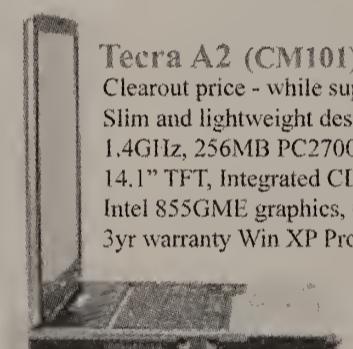
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NOT ALL EVANGELICALS ARE REPUBLICANS

Much has been made of the "evangelical factor" in the re-election of George W. Bush (After the Rapture, Nov. 29). What is scarcely mentioned is that many evangelical Christians voted for John Kerry and as a matter of conscience align themselves with the priorities of the Democratic Party. Clearly, a large percentage of evangelical Christians support President Bush; but it is most inaccurate to assume that all evangelicals are Republicans. And it is irresponsible of the media to

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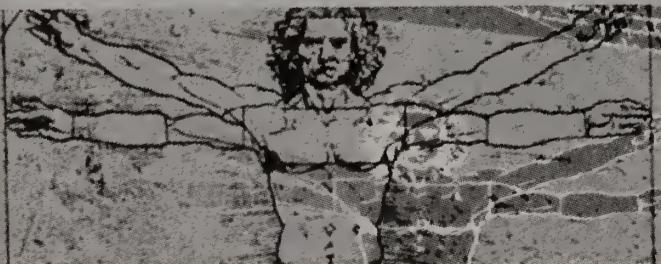
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LETTERS

perpetuate this fallacy because it makes for a juicier story.

There is a common misconception that an evangelical is a white Protestant from the mid-West who is anti-abortion and opposed to homosexual marriage. Being an evangelical Christian has nothing to do with these things. An evangelical is someone who believes that the Bible is the inerrant Word of God; that Jesus Christ — who was fully God and fully man — died on the cross to reconcile humankind to God and was raised from the dead; and has a personal relationship with this Jesus. By this definition I am an evangelical Christian; so is Bill Clinton. On Nov. 28, NBC's Meet the Press featured a discussion on morality in America with some of the nation's prominent Christian leaders including Jerry Falwell, Richard Land, Al Sharpton and Jim Wallis. Though all the panel members identified themselves as evangelicals, their political views were widely divergent. Tim Russert quoted an ad from *Sojourners* (a publication of an interdenominational Christian ministry focused

on social justice) highlighting this diversity: "God is not a Republican or a Democrat Leaders of the Religious Right mistakenly claim that God has taken a side in this election and that Christians should only vote for George W. Bush. We believe claims of divine appointment for the President, uncritical affirmation of his policies, and assertions that all Christians must vote for his re-election constitute bad theology and dangerous religion." A spirited discussion concerning the issues with which the church should be most concerned ensued, after which I became convinced that contrary to what is reported, evangelicals are anything but homogeneous in their political leanings.

The reality is that many evangelicals have deep misgivings about the conduct of the war in Iraq, are concerned about protecting the environment and consider helping the poor a higher mandate than fighting gay marriage. As Tony Campolo — Baptist minister, sociology professor and evangelical Democrat — has noted, there are over 2,000 Scripture verses about aiding the

poor and oppressed; yet Jesus is silent about homosexuality. The gospel of Jesus Christ (literally, "good news") was never intended to be a movement of political power. Biblical Christianity thrives under persecution — a truth to which Christians in China can attest. Historically political power has been detrimental to the church, providing the fertile soil of distrust in which atheism has germinated. C.S. Lewis wrote, "It is since Christians have largely ceased to think of the other world that they have become so ineffective in this." Sadly, I couldn't agree more.

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Letters may be edited for brevity or clarity. Please limit to 500 words and send to Ailsa Ferguson, associate editor, fax: 416-978-7430; e-mail, ailsa.ferguson@utoronto.ca.

ON THE OTHER HAND

Take a Good Book

BY NICHOLAS PASHLEY



MY WIFE WILL TELL YOU THAT, AMONG my other flaws, I'm slow to commit. Maybe it's a guy thing. But when the big decisions have to be made I'm on the case, unless of course I'm not. And so it is that numerous decades after I arrived on these shores, a young immigrant boy who had left his native England to make a better life for his parents and older siblings, I finally became a Canadian citizen late last month.

The watchword for anyone planning to become a Canadian is: patience. The process occupied 16 months, during which time I was finger-printed and vetted by CSIS and the RCMP. Apparently I'm not much of a threat. When you go to take your citizenship test, take a good book. You'll be there for two hours, about eight minutes of which will actually be the test. When you turn up for your ceremony, take a good book. At the end of it, you'll not only have a nice laminated card with an appalling photograph of yourself on it but you'll be very well read. You could put a big dent in the Canada Reads selections while you wait.

Most people assumed I was already Canadian. The hand I raised to affirm my oath once shook the hand of John Diefenbaker. Back in high school I danced with Carolyn Parrish. I've been served tea at Rideau Hall. I saw Rocket Richard play hockey. I caddied for Dick Duff. I've been naked at Wreck Beach in Vancouver. I got drunk twice in one day at Expo 67. I've hitchhiked to Dawson City. Margaret Atwood sort of knows who I am. How Canadian do you want me to be?

None of this cuts much ice when you're trying to cross the border, however, unless perhaps you actually have Margaret Atwood with you. If you haven't become a citizen or acquired a permanent resident card, you have to get a visa to re-enter Canada (unless, oddly, you're travelling by car; I don't get it either). This takes almost exactly two hours in New York, two hours and 17 minutes in London: take a good book. Though slightly longer, the London

experience is more pleasant; you'll definitely feel like a huddled mass on West 49th Street.

The impetus to attain official Canadianness may have been pragmatic, borne of a need to be allowed to return to the country where I pay taxes, but it's actually quite nice when it happens. There were 200 of us from 50 countries. I was assigned a seat between two other graduands, one Iranian, the other Vietnamese. (Like almost everybody else, they hadn't brought books; I reckon a bookstall could be not just lucrative but a public service.) We all recited our oath, in both official languages, and we sang the national anthem. (I'm not sure how many of my fellow new Canadians fudged the word "native" in the first line. I know I did. We may have yet another piece of gruesome-photo ID, but we'll never be native.) And novelist Joy Kogawa shook my hand (my Diefenbaker hand) and gave me a maple leaf lapel pin.

Has my life changed? I couldn't help noticing that within 24 hours of my ceremony I saw my first snow of the season. Does being Canadian mean I can't complain about winter any more? I can tell you there was nothing on the citizenship test about cold weather but I suppose I have to get used to it. Apparently it happens here all the time.

All in all it's not bad being a Canadian. Suddenly I'm bummed out about the hockey lockout and all those Timbits have me thinking about the flexible-waist jeans you see at Zeller's, but basically I like it. I mean, you gotta like that Don Cherry, eh? But the great thing is that I don't have to behave myself any more. I've been a meek immigrant all these years, reluctant to make trouble, but they can't deport me now. I'm one of us. Watch out, Canada. I've been doing a lot of reading.

Nicholas Pashley buys, sells and reviews books for the U of T Bookstore.

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Evelyn Sommers, Ph.D., Psychologist, provides psychotherapy and counselling for individuals and couples from age 17. Covered under U of T benefits. Yonge and Bloor. 416-413-1098 or e-mail for information package, eks@passport.ca

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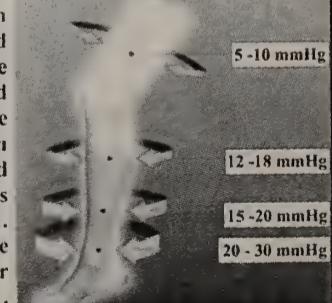
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EVENTS



LECTURES

Evolution in the Digital Design Work of deCOI Architects.

TUESDAY, JANUARY 11

Prof. Mark Goulthorpe, Massachusetts Institute of Technology. Room 103, 230 College St. 7 p.m. Architecture, Landscape & Design

COLLOQUIA

Utracold Neutral Plasmas.

THURSDAY, JANUARY 6

Prof. Tom Kilian, Rice University 4:10 p.m. 102 McLennan Physical Laboratories Physics

SEMINARS

Impact of Life Events and Difficulties on the Mental Health of Chinese Immigrant Women.

TUESDAY, DECEMBER 14

Taryn Tang, women's mental health and addiction research section, Centre for Addiction & Mental Health. 801 College St. site, Centre for Addiction & Mental Health, 250 College St. 4 p.m. Women's Mental Health Interest Group, Psychiatry

MEETINGS & CONFERENCES

Governing Council.

THURSDAY, DECEMBER 16

Council Chamber, Simcoe Hall. 4:30 p.m.

MUSIC

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TUESDAY, JANUARY 4

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TUESDAY, JANUARY 11

Arias at lunch. Walter Hall. 12:10 p.m.

EXHIBITIONS

ERIC ARTHUR GALLERY FACULTY OF ARCHITECTURE, LANDSCAPE & DESIGN

Maple Leaf Gardens: From Hockey Heaven to Superstore.

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COMMITTEES

The Bulletin regularly publishes the terms of reference and membership of committees.

The deadline for submissions is Monday, two weeks prior to publication.

SEARCH

DEAN, FACULTY OF NURSING

In accordance with Section 60 of the Policy on Academic Administrators (Perron Rules), Interim President Frank Iacobucci has established a search committee to recommend the appointment of a dean of the Faculty of Nursing.

Members are: Provost Vivek Goel (chair); Professors Gavin Andrews, Elizabeth Peter, Donna Stewart, Ann Tourangeau and July Watt-Watson, Faculty of Nursing; Wayne Hindmarsh, dean, Faculty of Pharmacy; Susan Pfeiffer, dean, School of Graduate Studies; and Catharine Whiteside, associate dean, Faculty of Medicine; and Betty Burcher, Faculty of Nursing; Joan Leishman, director, Gerstein Science Information Centre and co-ordinator, science information services; Rosanne Lopers-Sweetman, assistant dean, Faculty of Nursing; Catriona Mill, undergraduate student, Jayesh Patel, MN student, and Don Rose, PhD

student, Faculty of Nursing; Karima Velji, vice-president (professional practice) and chief nursing officer, Toronto Rehabilitation Institute; and Leslie Vincent, senior vice-president (nursing), Mt. Sinai Hospital and chair, TAHSN nursing committee.

The committee welcomes comments and nominations from interested persons. These should be sent to Sheree Drummond, assistant provost, by Jan. 7 at Room 225, Simcoe Hall; fax, 416-978-3939; e-mail, sheree.drummond@utoronto.ca.

DIRECTOR, SCHOOL OF CONTINUING STUDIES

Although not bound by Section 60 of the Policy on Appointment of Academic Administrators (Perron Rules), Interim President Frank Iacobucci has established a search committee to recommend a director of the School of Continuing Studies. Mary Cone Barrie will complete her term as director June 30. Members are: Provost Vivek Goel (chair); Professors Rona Abramovitch,

director, Transitional Year Program; Sandra Acker, associate dean, Division II, School of Graduate Studies; John Greenwood, School of Continuing Studies; Anne Lancashire, vice-dean (academic), Faculty of Arts & Science; Kwong-loi Shun, vice-president and principal, U of T at Scarborough; and Anastasios Venetsanopoulos, dean, Faculty of Applied Science & Engineering; and Claire Alleyne, OISE/UT; Gillian Bartlett, School of Continuing Studies; Paul Cozzi, partner, Cozzi & Associates; William Molson, Enrico Rota and Karen Wold, students, School of Continuing Studies; Melanie Novis, instructor, School of Continuing Studies; John Rawle, chief financial officer, School of Continuing Studies; and Karel Swift, university registrar.

The committee welcomes comments and nominations from interested persons. These should be sent to Helen Lasthiotakis, director, policy and planning, by Jan. 7 at Room 225, Simcoe Hall; fax, 416-978-3939; e-mail, h.lasthiotakis@utoronto.ca.

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FRIENDS, PARTNERS OR CODEPENDENTS?

By JOHN KIRTON

During the televised debates for the recent U.S. presidential election, President George Bush told his fellow Americans why the United States needed Canada — for the flu shots that Tony Blair's Britain had failed to provide. The president further noted that he wanted access for Americans to Canada's affordable medicines, if only he could be assured they were safe. As soon as the president realizes that Health Canada has not found a single case of unsafe or pirated pharmaceuticals in Canada during its several decades of intensive inspection, Bush will be free to make his wish come true.

Flu shots and affordable medicines are just the first two of the top 10 reasons why the United States needs Canada, whether all Americans know it or not; for long gone is America's "after victory" moment and any "single superpower" or "hyper-power" status the end of the Cold War may have brought; for a rapidly globalizing world, culminating in 9/11, has created an "America the vulnerable" that now depends on its closest friends to get by. Indeed, America the vulnerable now needs Canada the capable in many fields. President Bush gratefully acknowledged most of them on his recent visit to Canada.

If flu shots and affordable medicines are capabilities Canada has constructed through wise policy, the third Canadian capability that America now needs flows from the natural resource endowments Canada has long had. It is energy, as Bush well knew when running for his first presidential election in 2000 with the brownouts in California very much on his and voters' minds. Currently, the U.S. produces only 41.1 per cent of the oil it consumes and thus needs to import the other 58.9 per cent. Here, Canada alone supplies 17.1 per cent of all U.S. imports, well ahead of Mexico at 13.5 and close to the 19.8 per cent provided by the unstable, insecure, distant Persian Gulf as a whole. Moreover Canada's abundant, now affordable Athabasca tar sands are almost as large as Saudi Arabia's conventional oil reserves, making Canada the secure, safe, Saudi Arabia that America can count on — right next door. America similarly relies heavily on Canada for imports of natural gas, where Canada ranks as the second largest exporter and third largest producer in the world. And for an America where nuclear power again beckons, and where not a single new reactor has been built since the Three Mile Island explosion in 1979, it matters that Canada is still producing and selling its Candu reactor and is the largest producer of uranium in the world.

The fourth reason America needs Canada similarly flows from Canada's unsung status as the second most successful territorially expansionist state in the world. Canada has a full 20 per cent of all of the globe's fresh water, while a high-consuming America with a parched southwest and diminishing aquifers is running out of the abundance it long used to enjoy. While Canadians will never sell their bulk water to anyone, they will sell the products — from electricity to agriculture — that they make from their water. In an emergency, they would no doubt give it for free to desperate Americans dying of thirst.

The fifth reason is trade in general. On 9/11 the American government never took a policy decision to close completely its land border with Canada. Within days of the long delays due to enhanced inspection, the normal openness returned. This happened not because big brother did a favour to lovable little Canada. It happened because, in a highly regionally integrated, just-in-time North American economy, American plants need Canadian automotive and other inputs to keep America's industry and economy from shutting down. With intense Canadian-American industrial integration dating back a century, it is difficult for Americans to replace Canada with Mexico or China, either overnight or over the longer haul. And it is far better to buy from Canadian companies, for they don't charge for the soaring healthcare costs that the Canadian government covers through the public system on their behalf.

The sixth reason is capital. It is now flowing south from Canada with a surplus to an America desperately short of savings and in dire need of foreign inflows to offset the historic, cancerous current account deficit the U.S. is now facing. In 1989 the U.S. became a net

International relations expert gives top 10 list of why the U.S. needs Canada

debtor and its net foreign obligations have reached almost 30 per cent of GDP. Since 1997 Canada has become a net outward foreign direct investor. Now, with a soaring loonie, it is well on the road to buying America up. Bostonians who have watched Canada's Manulife just acquire their hometown financial services hero, John Hancock, know they now need Canada's firms for the good jobs and community donations that their American-owned company used to supply.

The seventh reason comes not from the soft power of economic prosperity but from the hard power strength of security itself — it is intelligence, of the sort that Americans apparently lacked in assessing the weapons of mass destruction that Saddam Hussein's Iraq had. Immediately after 9/11, when America turned virtually all its formidable intelligence capabilities to focus on al-Qaida and Afghanistan, Canada was there, starting to watch key parts of the rest of the world that America had to abandon. To be sure, American intelligence capabilities dwarf those of Canada. But when you need a 100-foot rope to keep from drowning, and have 99 feet to your neighbour's one, what matters is not the 99-to-1 relative capability ratio but the equal need for both partners to come together to get the job done.

The eighth reason flows from a similar logic — the ability and willingness to provide troops to kill and be killed on the front lines half a world away, especially in the greater Middle East from Afghanistan to Iraq. At present a once-mighty America has a real "rifle strength" barely able to sustain its existing involvement in Iraq, Afghanistan and other far-flung and dangerous fronts. In this context, Canada's decision to put combat troops into Afghanistan, from the very start through to the present, counts for a lot.

The ninth reason is the money that a Canada with a fiscal surplus is able and willing to provide to finance the global public goods that a deficit-ridden America and everyone else needs. As host of the Kananaskis

G8 Summit in 2002, Canada offered enough of its own money to catalyze \$50 billion in new money to write off debt and combat poverty in Africa and safely eliminate leftover weapons of mass destruction in Russia as well. Canada joins its G7 colleagues in being the top seven big financiers of the UN system. And Canada has been in the front ranks of providing the money needed to win the peace and conduct free and fair elections in Iraq.

The 10th and final reason America needs Canada is that Canada offers a welcoming, conveniently close at hand, refuge for Americans seeking a safe haven from an insecure United States living in fear. Since the G8 was founded back in 1975, Canada is the only member, including the European Union as a whole, that has not had a single death from terrorism on or over its soil. The Americans who landed in Canada when a frightened America closed its own airspace on 9/11 were but the first to arrive. Several American journalists came to Canada Nov. 30, not only to cover their president's visit but also to get the flu shot they could not secure at home. Others seeking a safer place to work and raise a family are coming to Canada for a longer stay, whether they like who won the Nov. 2 presidential election or not.

This latest wave of late loyalists should remind Canadians that Americans remain members of the family, even if they now come from the lost provinces that unfortunately succeeded from the Union of British North America through a destructive civil war in 1776. We owe it to them to protect their human security in a world where our state is relatively secure and strong and theirs is vulnerable and weak. And we should welcome them back, one person at a time, when they want, for as long as they want. This holiday season, why not invite an American up to Canada for some family friendship. And a flu shot, too.

Professor John Kirton is director of the G8 research group.

What Do You Think? E-MAIL US AT STEVEN.DESOURA@UTORONTO.CA



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